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30 August 63

25X1A

MEMORANDUM FOR THE RECORD

SUBJECT : OXCART Status

1. OXCART Flights, 29 August:
  - A. Aircraft #124: Flight #128; purpose - INS training; duration 1:50 hours. INS malfunctioned.
  - B. Aircraft #126: Flight #17; purpose - refueling, INS, Mach 2 cruise; duration 2:44 hours; max. Mach 2.14, max. altitude 62,000 ft. Aircraft power loss to INS precluded INS operation. A total of 52,400 lbs. fuel (full load) was transferred in 12 minutes. An acceleration climb was then made to 62,000 ft. and Mach 2.14 where engine stalls were encountered and cleared by repositioning inlet bypass doors.
  - C. Aircraft #127: Flight #5; purpose - refueling and ARC-50; duration 1:49 hours; subsonic. 10,000 lbs. fuel was transferred. In spite of two successful range fixes on tanker, ARC-50 needs further installation refinement. This aircraft to layup for INS installation. To be rescheduled next week.
2. OXCART Status, 29 August:
  - A. Aircraft #121 and 122: Waiting replacement engines due compressor rub/honeycomb problem.
  - B. Aircraft #125: Engine replacement. Right engine - control system scheduling malfunction. Left engine - excessive oil consumption (over 50 hours time).

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Control System

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C. Aircraft #128: Final assembly.

D. Aircraft #129: Arrived at 1400 hours.

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[redacted]  
Aircraft Systems Division  
(Special Activities)

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[redacted] ASD/OSA:mvp (30 Aug 63)

Distribution:

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